

# Claims

- [c1] 1. A 3D Imaging System Using Reflectors, comprising a mirror beam splitter system having an even number of mirrors and a lens panel having a pair of lenses and an aperture panel with a pair of apertures;  
where the beam splitter turns the single light path from a single subject into dual divergent light paths as viewed from two different angles and projects them through the aperture panel and then the lens pair to form dual images with a 3D offset which can be captured on film, electronic recording media or ground glass in a Single Lens Reflex (SLR) camera.
- [c2] 2. The beam splitter in Claim 1 having an even number of mirrors in a staggered formation in which one group of mirrors is set in front of the other to allow the light paths to crossover to form dual transposed images.
- [c3] 3. The lens pair in Claim 1 positioned so that the light paths passing through them are sufficiently wide apart to accommodate the two inner mirrors while close enough together so that the intensity and incident angle of the combined light paths has an effect on the viewfinder and light meter measurable to within two aperture stops to

that of a single light path.